

IN THE CLAIMS:

1. (currently amended) A locking mechanism for engaging and retaining a movable member, wherein the mechanism includes a hook member mounted for angular displacement about a first axis such that the hook member is movable into and out of retaining engagement with the movable member, a latch member mounted for angular displacement about a second axis parallel with the first axis, the latch member having a portion thereof spaced from the second axis, which can be located to prevent movement of the hook member out of retaining engagement with the movable member, and first and second actuators operable to rotate the latch member about the second axis such that the portion is movable to a position where it does not prevent movement of the hook member out of retaining engagement with the movable member, and that the second actuator is a rotary actuator and includes a cam arranged for rotation about a third axis parallel to the second axis and located to engage a part of the latch member, wherein the cam includes a peripheral cam surface engageable with the part of the latch member such that a radial distance between the third axis and the cam surface engaged with the part of the latch member increases as the cam is rotated by the rotary actuator, and wherein the hook member includes an angled contact surface configured to contact the portion of the latch member such that a force applied by the contact surface to the portion of the latch member rotates the portion into engagement with the hook member and limits a rotation of the hook member.

2. (previously presented) A locking mechanism according to Claim 1, wherein the part engageable by the cam is the portion spaced from the second axis.

3. (previously presented) A locking mechanism according to Claim 1, wherein the first actuator includes a solenoid.

4. (previously presented) A locking mechanism according to Claim 1, wherein the second actuator includes an electric motor.

5. (previously presented) A locking mechanism according to Claim 1, wherein the mechanism includes a spring connected to the hook member to urge it out of retaining engagement with the movable member.

6. (previously presented) A locking mechanism according to Claim 5, wherein the spring is connected between the hook member and the latch member so as to urge the portion of the latch member into engagement with the hook member.

7. (previously presented) A locking mechanism according to Claim 1, wherein the hook member has a hook formation on one side of the first axis and that it is engaged by the portion of the latch member on an opposite side of the first axis.

8. (previously presented) A locking mechanism according to Claim 1, wherein the portion of the latch member is a roller.

9. (previously presented) A locking mechanism according to Claim 1, wherein the mechanism includes a sensor responsive to the position of the latch member.

10. (previously presented) A locking mechanism according to Claim 1, wherein the movable member is a capture pin of aircraft landing gear.